

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed April 30, 2004. Claims 1-39 were pending in the Application. In the Office Action, Claims 1-3, 7, 9-11, 15, 17-26 and 28 were rejected, Claims 4-6, 8, 12-14, 16 and 27 were objected to, and Claims 29-39 are considered allowable. In order to expedite and advance the prosecution of the Application, Applicants amend Claims 2-7, 10-15, 17-21, 23 and 25-28, and Applicants cancel without prejudice or disclaimer Claims 1, 9 and 22. Thus, Claims 2-8, 10-21 and 23-39 remain pending in the Application.

In the Office Action, the following actions were taken or matters were raised:

ALLOWED CLAIMS

Applicants thank the Examiner for indicating the allowance of Claims 29-39. Claims 29-39 remain unchanged. Therefore, Applicants respectfully submit that Claims 29-39 remain in condition for allowance.

CLAIM OBJECTIONS

Claims 4-6, 8, 12-14, 16 and 27 were objected to as being dependent upon rejected base claims. Applicants note with appreciation that the Examiner indicated that Claims 4-6, 8, 12-14, 16 and 27 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants have re-written Claims 4-6, 12-14 and 27 to independent form including all of the limitations of their respective base claims (Claims 1, 9 and 22). Thus, the scope of originally submitted Claims 4-6, 12-14 and 27 remains unchanged. Further, Claims 1, 9 and 22 have been canceled without prejudice or disclaimer, Claims 2 and 7 have been amended to depend from Claim 4, Claim 3 has been amended to depend from Claim 6, Claims 10 and 15-21 have been amended to depend from Claim 12, Claim 11 has been amended to depend from Claim 14, and Claims 23, 25, 26 and 28 have been amended to depend from Claim 27. Additionally, Claim 8 depends from Claim 5, Claim 16 depends from 13, and Claim 24 depends from Claim 23 which depends from Claim 27. Thus, Applicant respectfully requests allowance of Claims 2-8, 10-21 and 23-28.

SECTION 102/103 REJECTIONS

The Examiner rejected claims 1, 2, 9, 10, 17-23 and 28 under 35 U.S.C. § 102(a) as being anticipated by publication “WireGL: A Scalable Graphics System for Clusters” by Greg Humphreys et al. (hereinafter “*Humphreys*”). The Examiner rejected Claims 3, 11 and 26 under 35 U.S.C. § 103(a) as being unpatentable over *Humphreys*. The Examiner also rejected Claims 7, 15, 24 and 25 under 35 U.S.C. § 103(a) as being unpatentable over *Humphreys* in view of U.S. Patent No. 5,408,606 issued to Eckart. Applicants respectfully traverse these rejections.

Of rejected Claims 1, 2, 3, 7, 9, 10, 11, 15, 17-25 and 28, Claims 1, 9 and 22 are independent. Applicants respectfully submit that Claims 1, 2, 3, 7, 9, 10, 11, 15, 17-25 and 28 are patentable over the cited references. However, to expedite the prosecution of the present Application to obtain issuance of allowable subject matter indicated by the Examiner, Applicants have canceled Claims 1, 9 and 22 without prejudice or disclaimer and expressly reserve the right to further prosecute Claims 1, 9 and 22 in continuing applications. Further, as discussed above, Claims 2 and 7 depend from allowable Claim 4, Claim 3 depends from allowable Claim 6, Claims 10, 15 and 17-21 depend from allowable Claim 12, Claim 11 depends from allowable Claim 14, Claims 23, 25 and 28 depend from allowable Claim 27, and Claim 24 depends from Claim 23. Thus, Applicants respectfully requests that these rejections be withdrawn.

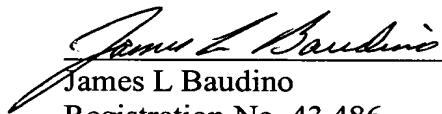
CONCLUSION

Applicants have made an earnest attempt to place this case in condition for immediate allowance. For the foregoing reasons and for other reasons clearly apparent, Applicants respectfully request reconsideration and full allowance of all pending claims.

An excess independent claim fee of \$800.00 pursuant to 37 C.F.R § 1.16(b) is believed due. The Commissioner is hereby authorized to charge \$800.00 to Deposit Account No. 08-2025 of Hewlett-Packard Company to cover the excess claim fees. If, however, Applicant has miscalculated the fee due with this Response, the Commissioner is hereby authorized to charge any fees or credit any overpayment associated with this Response to Deposit Account No. 08-2025 of Hewlett-Packard Company.

Respectfully submitted,

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